

INTERNATIONAL SEARCH REPORT

International Application No

/PT2004/000011

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E01D21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 073 296 A (TILEMAN & CO LTD) 14 October 1981 (1981-10-14) the whole document -----	1,17
X	DE 11 01 477 B (GRUEN & BILFINGER AG) 9 March 1961 (1961-03-09) page 2, line 18 - line 120; figures -----	1-17
A	WO 00/68508 A (INTERCONSTEC CO LTD ; HAN MAN YOP (KR)) 16 November 2000 (2000-11-16) cited in the application the whole document -----	1-17



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

24 September 2004

Date of mailing of the international search report

30/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patenttaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Movadat, R

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT2004/000011

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
GB 2073296	A	14-10-1981	NONE		
DE 1101477	B	09-03-1961	NONE		
WO 0068508	A	16-11-2000	KR 2000049955 A		05-08-2000
			AU 4617900 A		21-11-2000
			CN 1145730 T		14-04-2004
			EP 1180176 A1		20-02-2002
			JP 2003534469 T		18-11-2003
			WO 0068508 A1		16-11-2000
			US 6751821 B1		22-06-2004